

View Online at <https://aerobasegroup.com/nsn/5935-01-480-6477>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

1.697 inches

**Overall Height:**

1.625 inches

**Overall Width:**

1.625 inches

**Environmental Protection:**

Moisture proof and salt water resistant and vibration proof

**Unthreaded Mounting Hole Diameter:**

Between 0.115 inches and 0.130 inches

**Center To Center Distance Between Mounting Facilities Parallel To Height:**

1.250 inches

**Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:**

1.250 inches

**Distance From Mounting Shoulder To Front Face:**

Between 0.750 inches and 0.781 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

20-22 single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Dc Voltage Rating In Volts:**

5000.0 single mating end single contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

0.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**End Application:**

Fa-18c/d; connector, receptacle, electrical, box mounting, solder contacts an type.

**Thready Qty Per Inch (tpi):**

18

**Thread Size:**

1.250 inches

**Terminal Location:**

Back single mating end single contact grouping

**Criticality Code Justification:**

Agav and feat and afre

**Terminal Type:**

Crimp single mating end single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium

**Shell Surface Treatment Specification:**

Qq-p-416 ty2, cl 3 federal specification single treatment response

**Included Contact Quantity:**

6 single mating end single contact grouping

**Included Contact Type:**

Curved socket single mating end single contact grouping

**Product Name:**

Inavy: connector, receptacle, electrical

**Special Features:**

Note this is a mil-c-5015 type e connector with high voltage cartridges installed in contact positions a and e; contact positions b, d, f contact size 16, wire size (mil-I-5086) 16 through 20, operating voltage (dc) 700v, operating voltage (rms) 500v; contact positions a and e contact size 20, wire size (mil-I-5086) 20, operating voltage (dc) 5, 000v, operating voltage (rms) 3, 500; contact position c contact size 8, wire size (mil-I-5086) 8 through 10, operating voltage (dc) 700v, operating voltage (rms) 500v.

**Thread Series Designator:**

Unef

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A039b0